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ABSTRACT OF THE DISCLOSURE

10 A discharge capacity retention of a non-aqueous
secondary battery is enhanced by incorporating into its
non-aqueous electrolytic solution a small amount of a
substituted diphenyldisulfide derivative in which each of
the diphenyl groups has a substituent such as alkoxy,
15 alkenyloxy, alkynyloxy, cycloalkyloxy, aryloxy, acyloxy,
alkanesulfonyloxy, arylsulfonyloxy, alkoxycarbonyloxy,
aryloxycarbonyloxy, halogen, CF_3 , CCl_3 , or CBr_3 . Prefera-
bly, a small amount of methyl 2-propylcarbonate, 2-pro-
pynyl methanesulfonate, 1,3-propanesultone, divinylsul-
20 fone, 1,4-butanediol dimethanesulfonate or cyclohexyl-
benzene is further incorporated.

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